

ABSTRACT OF THE DISCLOSURE

An exhaust purification system for use with diesel or other compression ignited systems to remove particulate and gaseous pollutants from the exhaust.

The system includes a catalytic converter assembly that heats the exhaust to a level

5 sufficient to incinerate particulate pollutants in the exhaust prior to the pollutants

contacting the catalytic element and a plurality of gas cooling elements

communicating with the exhaust outlet in the catalytic converter assembly for

reducing the temperature of the exhaust passing from that assembly to about

100° F whereupon the cooled exhaust is directed back to the engine for further

10 combustion.

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